



# South Carolina

## Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
1835 Assembly St., Suite 1008 · Columbia, SC 29201  
(800) 424-9406 · FAX (803) 765-5310 · [www.nass.usda.gov/sc](http://www.nass.usda.gov/sc)

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**Week Ending:** June 29, 2008  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency

### GENERAL

Many of South Carolina's crops continued to fair poorly despite scattered precipitation this past week. There were large areas that have missed the rainfall particularly in the Upstate where that region has been short of adequate moisture for many months now. State average soil moisture ratings were unchanged from the previous week at 43% very short, 32% short, 23% adequate, and 2% surplus. There was a statewide weekly average of 6.2 days that were suitable for field work.

### FIELD CROPS

The **CORN** crop was not looking very good at all. There were a few areas that received precipitation at the right time, but the larger portion of the state's corn crop has sustained severe damage from the lack of sufficient moisture, and any rain at this point is too late. Some corn was being salvaged as silage, while a few other fields were being abandoned and harrowed. There is some late planted corn that may still have a chance to make low to moderate yields. For the current week, the condition was reported as 44% very poor, 26% poor, 25% fair, and 5% good. **COTTON** continued to square, and was holding on in hopes of additional showers. Conditions were 13% very poor, 21% poor, 54% fair, and 12% good. **OAT** yields are one of the few good things about this year's crops. Rains at the end of the week turned some **PEANUT** fields around, but overall conditions fell slightly from last week. Conditions were 9% very poor, 16% poor, 54% fair, and 21% good. **SOYBEAN** emergence has been poor where soil moisture has been very short. Conditions were continuing to fall and were 24% very poor, 22% poor, 43% fair, and 11% good. **SWEET POTATO** conditions fell, but were still mostly fair. **TOBACCO** was in need of more water. Height was short in many fields, and plants continued to top out low. The crop remained in mostly fair condition. **WINTER WHEAT** harvest was nearly complete with very good yields.

### OTHER ITEMS OF INTEREST

**LIVESTOCK** conditions were still mostly fair. Some Upstate **PASTURES** were under moisture stress, and hay fields will miss a cutting of Bermuda grass. Conditions were 31% very poor, 35% poor, 28% fair, and 6% good. **PEACH** conditions declined again, but were still in mostly good condition. **VEGETABLE** harvests were ongoing with conditions continuing to decline for yet another week for many crops.

### Crop Progress for Week Ending June 29, 2008

Crop and Stage	2008	2007	5-Yr Avg	Crop and Stage	2008	2007	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Harvested	39	56	48	Sorghum, Headed	35	44	50
Corn, Silked	77	82	85	Sorghum, Turned Color	5	9	12
Corn, Doughed	13	24	28	Soybeans, Planted	96	96	94
Cotton, Squared	25	32	41	Soybeans, Emerged	81	87	86
Cucumbers, Fresh, Harvested	95	94	92	Soybeans, Bloomed	1	5	5
Oats, Harvested	99	95	90	Sweet Potatoes, Planted	92	98	92
Peaches, Harvested	34	26	27	Tobacco, Topped	25	28	45
Peanuts, Pegged	25	27	31	Tomatoes, Fresh, Harvested	50	61	59
Snapbeans, Fresh, Harvested	80	71	77	Watermelons, Harvested	35	37	31
Sorghum, Planted	98	99	98	Winter Wheat, Harvested	98	92	92

### Condition for Week Ending June 29, 2008

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Apples	10	10	65	15	0	Peanuts	9	16	54	21	0
Cantaloup	25	14	38	23	0	Snapbeans	20	50	30	0	0
Corn	44	26	25	5	0	Sorghum	40	20	37	3	0
Cotton	13	21	54	12	0	Soybeans	24	22	43	11	0
Cucumbers	39	23	38	0	0	Sweet Potatoes	10	5	70	15	0
Hay	25	29	33	13	0	Tobacco	10	19	53	17	1
Livestock	7	16	53	24	0	Tomatoes	18	12	16	54	0
Pasture	31	35	28	6	0	Watermelons	17	16	42	25	0
Peaches	16	8	22	52	2						

## South Carolina Weekly Weather Summary for the Week Ending June 29, 2008

Lower humidity values were observed following a frontal passage on Tuesday. At 5:00 p.m. Tuesday, Greer reported a relative humidity of 15 percent while Beaufort measured 26 percent. Wednesday mornings minimum temperatures cooled into the 60's for much of the state before the heat and widely scattered afternoon thunderstorms returned. At around 4:00 p.m. Wednesday, the community of Jacksonborough in Colleton County received 0.98 inches of rain in 20 minutes. While both Saluda and Camden recorded Wednesday high temperatures of 100 degrees, N Myrtle Beach enjoyed a seabreeze and a high temperature of 84 degrees. Daytime heating supported convective and slow moving storms through the weekend. Rainfall amounts were heaviest over eastern South Carolina. Hilton Head AP reported a wind gust of 64 mph during a thunderstorm Sunday at 2:30 p.m. The state average temperature for the period was one degree above normal.

The highest official temperature reported was 101 degrees at Chesterfield on June 26. The lowest official temperature reported was 56 degrees at Table Rock on the morning of June 25. The heaviest official 24-hour rainfall reported was 4.17 inches at Crabtree Swamp (Horry County) ending at 7:00 a.m. on June 23. The state average rainfall for the period was 0.9 inches.

SOIL: 4-inch depth average soil temperature: Columbia 81 degrees.

RIVERS AND SURF: South Carolina river stages were below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 83 degrees.

### Precipitation

Location	Weekly Total	Jan 1 Total	Deviation from Average
Greer	0.03	16.56	-9.3
Columbia	2.02	17.98	-6.1
Orangeburg	1.03	19.15	-4.9
Charlotte, NC	1.51	17.82	-4.0
Augusta, GA	0.13	17.78	-5.5
Florence	0.20	16.89	-4.4
N Myrtle Beach	1.57	19.98	0.3
Charleston	0.98	16.96	-6.4
Savannah, GA	2.08	16.42	-6.3

Weekly rainfall totals this period ending midnight Sunday.



Department of Applied Economics and Statistics



USDA-NASS  
 SOUTH CAROLINA FIELD OFFICE  
 1835 Assembly St. Suite 1008  
 Columbia, SC 29201-2449  
 Official Business

Address Service Requested